

DTT-nano

Digital Terrestrial MHP embedded Set-Top Box



Feature & Function

DVB
MPEG 2 DIGITAL

mhp

irdeto

NAGRAVISION

CONAX

- MPEG-2 DVB-T
- Palm-sized eye-opening design to be hidden in rear side of your TV
- Changing your existing Analog TV into full functional Digital Pay-TV
- Easiest & Quickest installation by Plug & Play
- Supports MHP 1.0.3 except MHP Interactive Broadcasting Profile
- Several CA support as embedded (Nagravision™, Irdeto™, Conax™)
- Max. 999 channels receivable
- Memory RAM is 64MB
- Dolby Digital Audio Output
- 1 Smart Card slot
- Quick Setup (Plug-n-Play Installation)
- Software Upgrade via OTA & serial connection (RS-232C)
- Supports MyEPG & user friendly information plate
- 10 OSD Languages including Italian, English, German, etc.
- Extended information shows the full program information
- Speedy channel change
- Detailed program synopsis
- Favorite channel feature

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Specification

System Resource

Flash Memory	8Mbytes
SDRAM DDR	64Mbytes
EEPROM	64Kbits

Tuner & Demodulator

No. of tuners	1
RF Input connector	IEC 169-2, female (PAL)
RF loopthrough connector	IEC 169-2, male (PAL)
Input frequency range	174MHz ~ 230MHz and 470MHz ~ 862MHz
Signal level	-10 to -70 dBm
Modulation	OFDM Compliant to EN 300 744
Mode	2K, 8K
FEC Mode	1/2, 2/3, 3/4, 5/6 and 7/8
Guard Interval	1/4, 1/8, 1/16 and 1/32
Constellation	QPSK, 16-QAM, 64-QAM

MPEG2

Transport stream	MPEG-2 ISO/IEC 13818
Video decoding	MPEG-2 Main Profile @ Main Level
Video stream rate	Max. 15Mbps
Video formats	4:3(default), 16:9 Letterbox
Video output	RGB, CVBS
Video resolution	PAL-25 frame @720 x 576
Audio decoding	MPEG Layer I & II (MUSICAM)
Audio layer	Layer I & II
Audio mode	single / dual mono / stereo / joint stereo

Conditional Access System

Embedded CAS	Nagravision, Irdeto, Conax
Smart card	1

A/V output

SCART	1 SCART
Digital audio	1 SPDIF

Data Port

RS-232C	1
Modem	1 (V.90)

Front panel interface

Smart card slot	1
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Rear panel interface

Main power cable	Fixed
Tuner	1 Input with 1 loop through
SCART	1 SCART
Data port	1 RS-232C (4pin D-SUB)
S/PDIF	1 SPDIF

Power Supply

Input voltage	AC 90~250, 50/60Hz, SFIPS1
Type	Switching Mode Power Supply (SMPS)
Power consumption	Operation: Max. 9W Standby: Max. 8W
Protection	Separate internal fuse & lightning protection

Physical specification

Size (Width x Height x Depth)	146.2 x 24 x 64 mm
Weight (net)	139 g

Accessories

Quick guide, External IR Module, RCU, Battery, Adaptor, Scart Cable(female to male)



* Specifications and functions may be changed for improvement without notice in advance.